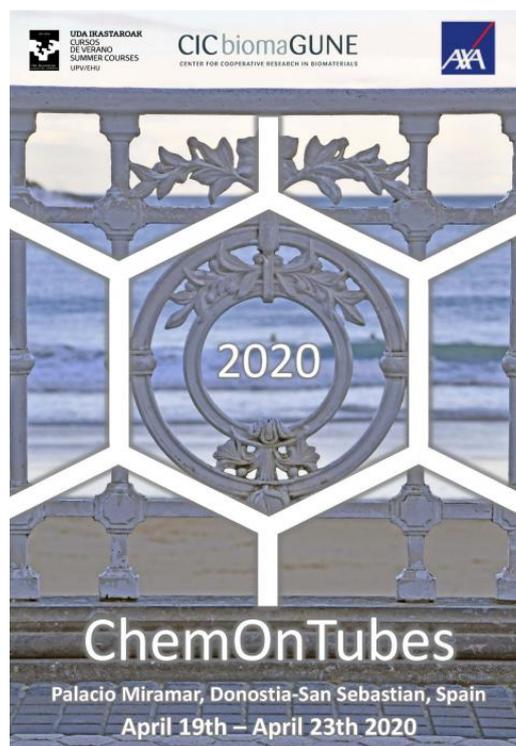


ChemOnTubes2020 - International Meeting on the Chemistry of Carbon Nanomaterials

04.Oct - 08.Oct

Cod. Z03-20



Edition

2020

Activity type

Congress

Date

04.Oct - 08.Oct

Location

Miramar Palace

Languages

English, Spanish

Academic Validity

50 hours

Web

<https://chemontubes2020.com/>

MANAGEMENT

Maurizio Prato, CICbiomaGUNE

Alejandro Criado Fernández, CICbiomaGUNE



Organising Committee



Description

ChemonTubes 2020 is an International Congress focused on the latest and the most relevant results in the field of chemistry of carbon nanomaterials (carbon nanotubes, graphene derivatives, carbon nanodots, polycyclic aromatic hydrocarbons, etc) and related 2D materials. In particular, the latest advances in synthesis, chemical modification and applications of the mentioned structures will be addressed.

ABSTRACT SUBMISSION

Deadline: March 1st, 2020

Please use this [template](#) to prepare your abstract (no more than 1 page). Save the document as a Word file specifying in the title the author name and the kind of contribution desired (O=oral; F=flash communication; P=poster), for example: N.Surname_O.doc. Flash communication also includes poster participation.

Send the document to chemontubes2020@gmail.com by Sunday 1st of March 2020.

Abstract acceptance will be communicated by the 5th of March

Objectives

The meeting aims to cover the latest and most relevant results in the field of chemistry of low dimensional materials (carbon and related nanomaterials).

Networking among the most promising research groups in the mentioned fields will be favoured.

The state-of-the-art results developed in the Basque Country area will be shown.

The congress will incentivate the participation of young researchers with attention to gender balance.

Course specific contributors

CICbiomaGUNE
CENTER FOR COOPERATIVE RESEARCH IN BIOMATERIALS



ACS NANO



fisher scientific

Scharlab
THE LAB SOURCING GROUP

Directors



Maurizio Prato

CICbiomaGUNE
(San Sebastian)

Prof. Maurizio Prato is the principal investigator of the Carbon Bionanotechnology Laboratory. His scientific achievements have set unprecedented landmarks in the fields of Carbon Nanosciences, tearing down the traditional barriers between Chemistry and other disciplines such as Physics, Biology, Medicine and Energy Materials. Prato's work is recognized worldwide, being a key player in the design and synthesis of tailored Carbon Nanostructures for bio-nanotechnology applications and solar energy conversion and storage. He has published more than 600 papers on international peer reviewed Journals, with a total of around 59,000 citations and an h-index of 113. Has been invited to more than 250 conferences and workshops in the last 10-15 years as a plenary or keynote speaker, and has given more than 50 invited talks in Universities or research centers all around the world.



Alejandro Criado Fernández

CICbiomaGUNE
(San Sebastian)

Dr. Alejandro Criado received his BS degree in chemistry, followed by his PhD in organic chemistry at the University of Santiago de Compostela. Then, he was a postdoctoral fellow at the University of Trieste in the group of Professor Prato. He is currently a Juan de la Cierva – Incorporación postdoctoral researcher at CICbiomaGUNE research center in the Carbon Bionanotechnology group. Dr Alejandro Criado has mainly focused his work on the synthesis of polyarenes, nanographenes, functionalization of carbon nanotubes, graphene for application in electronic devices and biomedicine.

Teachers



Claudia Backes

Heidelberg University
(Alemania)

I studied Molecular Nano Science at the University of Erlangen-Nuremberg, where I also conducted my doctoral studies under the supervision of Prof. Andreas Hirsch. I have received my Ph.D with honors in 2011. From 2011-2012, I supported the Erlangen Cluster of Excellence "Engineering of Advanced Materials" as deputy executive director. After receiving a fellowship grant from the German Research Foundation (DFG) in 2012, I moved to Jonathan Coleman's groups at Trinity College Dublin, Ireland. In 2015, I returned to Germany and joined Heidelberg University. In 2016, I was awarded with the prestigious Emmy Noether funding from the DFG to establish my own research group at the Physical Chemical Institute. Currently, my team comprises five PhD students, one postdoc and several undergraduate students. We are interested in unravelling fundamental properties and relationships between structure and function in 2D materials



Alberto Bianco

CNRS
(Francia)

Alberto Bianco received his PhD in 1995 from the University of Padova (Italy). As a visiting scientist, he worked at the University of Lausanne (Switzerland), the University of Tübingen (Germany) (as an Alexander von Humboldt fellow) and the University of Padova. He is Research Director at the CNRS in Strasbourg. He has been invited to Japan as JSPS fellow in 2012 (Tohoku University, Sendai) and 2105 (AIST, Tsukuba), and as visiting Professor in 2019 (Kyoto University). His research interests focus on the design of multifunctional carbon nanomaterials for therapeutic, diagnostic and imaging applications. He is in the Board of the International Research Network on Graphene and Nanotubes. In 2017 he has been elected Fellow of the European Academy of Science. In 2019 he has obtained the CNRS Silver Medal. He is co-author of over 270 papers. He is in the Advisory Board of Nanomedicine, Nanotechnology Reviews and the Journal of Peptide Science. Since 2011 he is Editor of the journal Carbon.



Sang Ouk Kim

KAIST
(*Corea del Sur*)

Prof. Sang Ouk Kim is the KAIST Chair Professor in the Department of Materials Science and Engineering at KAIST, South Korea and the director of National Creative Research Initiative Center for Multi-Dimensional Directed Nanoscale Assembly and Graphene Liquid Crystalline Fiber Center. Prof. Kim's research interest has focused on directed molecular assembly of various nanoscale materials as a novel synthetic platform for material discovery. Prof. Kim has published more than 230 SCI journal papers and delivered more than 400 invited presentations over worldwide. Prof. Kim is also serving as an associate editor of Energy Storage Materials (Elsevier) and editorial board members for many scientific journals published by RSC, ACS, Wiley, Elsevier, Springer Nature, etc. His research group is actively researching on the nanoscale assembly & chemical modification of various nanomaterials including carbon nanotubes and graphene for advanced nanoscale surface patterning.



Nicholas Kotov

University of Michigan
(*Estados Unidos*)



Yan Li Li

Peking University
(*China*)



Silvia Marchesan

Università degli Studi di Trieste
(Italia)



Aurelio Mateo Alonso

POLYMAT, UPV/EHU, Ikerbasque Research Professor
(Donostia)

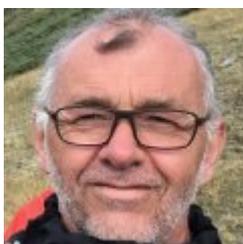
Aurelio Mateo-Alonso obtained his BSc (1999) and MSc (2000) degrees in organic chemistry from Universidad Autónoma de Madrid (Spain). In 2004, he completed his PhD at Queen Mary University of London (UK). Between 2004 and 2009 he was a Postdoctoral Researcher at Università di Trieste (Italy). In 2009 he joined the Freiburg Institute for Advanced Studies (Germany) as a Group Leader. Since 2012 he has been an Ikerbasque Research Professor and Group Leader at POLYMAT and at the University of the Basque Country in San Sebastian (Spain). He has been the recipient of the Young Investigator Prize of Università di Trieste (Italy 2007), the Eugen-Graetz Prize of Universität Freiburg (Germany 2009), the Sigma-Aldrich Young Investigator Prize of the Spanish Royal Chemical Society (Spain 2011), and the Young Investigator Award of the Nanocarbons Division of the Electrochemical Society (USA 2012). In 2016 he received a Consolidator Grant of the European Research Council (ERC).



Diego Peña Gil

CIQUS, Universidad de Santiago de Compostela

Diego Peña obtained his PhD degree in 2001 from the University of Santiago de Compostela (USC), under supervision of D. Pérez and E. Guitián. He was PhD visitor at Harvard University (1999, Jacobsen group), LMU Munich (2000, Knochel group) and UAM Madrid (2001, Echavarren group). During 2002 and 2003 he joined the group of B. L. Feringa (Nobel Laureate 2016, Groningen University, The Netherlands) as a Marie Curie Post-Doctoral Fellow. He was research visitor at DSM Research (Geleen, The Netherlands) and CRANN, Trinity College (Dublin, Ireland). In 2004 he obtained a Ramón y Cajal researcher grant. Since 2008 he is Principal Investigator at CiQUS (Center for Research in Biological Chemistry and Molecular Materials) and Associate Professor of Organic Chemistry at USC. In 2018 he was awarded with the Ignacio Ribas Medal by the Spanish Royal Society of Chemistry (RSEQ). His research interests are focused on the synthesis of large aromatic compounds and nanographenes.



Alain Penicaud

Université de Bordeaux - CNRS
(Francia)

Alain Pénicaud is a carbon specialist that specializes in dissolving insoluble forms of carbon. He showed in 2005 that true solutions of carbon nanotubes could be obtained by dissolving alkali metal salts of nanotubes. His team later applied that to graphite to obtain graphene solutions in 2007. Recently, his team showed that single layer graphene and individualized nanotubes could be stabilized in water without surfactants or sonication, by hydroxide adsorption, leading to the creation of the company Carbon Waters in 2017, employing now 8 people in Pessac, near Bordeaux. A. Penicaud's team has also showed that performing graphene-based electrocatalysts, supercapacitors and conducting inks and rubbers could be obtained from food waste.



Mauricio Terrones

Penn State University
(University Park, PA, Estados Unidos)

Obtained his B.Sc. degree in Engineering Physics with first class honors at Universidad Iberoamericana, and was distinguished as the Best Student of Mexico in Engineering Physics in 1992. In 1994 he started his doctorate degree with Sir Prof. Harold W. Kroto (Nobel Laureate), and received his D.Phil. degree from University of Sussex

in 1998. He has co-authored more than 550 publications in international journals, and counts with more than 50,000 citations to his work (His H index is 105; Google Scholar H=119). He is member of the Mexican Academy of Sciences since 2002. In 2012 he was elected fellow of the American Association for the Advancement of Science (AAAS). In 2015, he was elected fellow of the Royal Society of Chemistry (UK) and was awarded the Jubilee Professorship from Chalmers University of Technology (Sweden). In 2016, He was awarded the Faculty Scholar Medal in Physical Sciences (Penn State). In 2017, Terrones was also elected fellow of the APS. Highly cited researcher.

Registration fees

REGISTRATION	UNTIL 01-09-2020	UNTIL 01-10-2020
Students	320,00 EUR	450,00 EUR
Researchers	520,00 EUR	650,00 EUR
Collaborators	0 EUR	0 EUR
Invited speakers	0 EUR	0 EUR

Place

Miramar Palace

Pº de Miraconcha nº 48. Donostia / San Sebastián

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